APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300820063-6

(DC-3696)

Nikolay Vasil'yevich Mel'nikov, Corresponding Member of the Academy of Sciences USSR, by L. D. Shevyakov, L. N. Marchenko, 3 pp

RUSSIAN, per, Iz AN SSR, OTN, No 2, 1959, pp 175-176

JPRS 3846

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300820063-6

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300820063-6

(MY-3098)

On the Theory of Inertial Damped Systems With an Arbitray Period, Which Are Invariant With Respect to the Object's Maneuvering, by V. A. Bodner, V. P. Seleznev, V. Ye. Ovcharov, 15 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energetika i Avtomatika, No 3, 1959, pp 11-18.

JPRS 2006

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Dec 60

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(NY-3090).

Transient Processes in Optimal Control Systems, by O. M. Kryzhanovskiy, V. M. Kuntsevich, 23 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, OTD, Energetika i Avtomatika, No 3, 1959, pp 32-42.

JPRS-2009-N

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(DC-6578)

The Dynamics of Continuous Optimalizing Control Systems Based on the Gradient Method, by A. A. Krasovskiy, 13 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh Energet i Avtomat, No 3, May-Jun 1959, pp 43-49.

JPRS 12984

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22919 DC
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Piecewise Approximation of a Television Signal Using the Properties of Sight, by V. A. Makhonin.

Russian, per, Izvestiya AN Ak Nauk, OTN, Energetika i Avtomatika, No 3, Moscow, 1959, pp 50-54.

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Calculation of the Heating of Shells at High Speeds, by I. N. Sokolova, 4 pp.

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The Theory of the Transient (Unsteady) States of Gas Trubine Engines, by Yu. P. Nikolayev.

RUSSIAN, per, Iz Ak Nauk SSR OTN Energet i Avtomat, 1959, No 3, pp 95-99.

TIL/T.5224

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Connection Between the Flame Temperature Measured by Optical Means and by Other Methods, by K. P. Vlasov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energet i Avtomat, No 3, 1959, pp 100-103.

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(RY-3098).

The Use of Automatic Digital Computers for Accomplishing Design Work, by I. S. Bruk, 28 pp.

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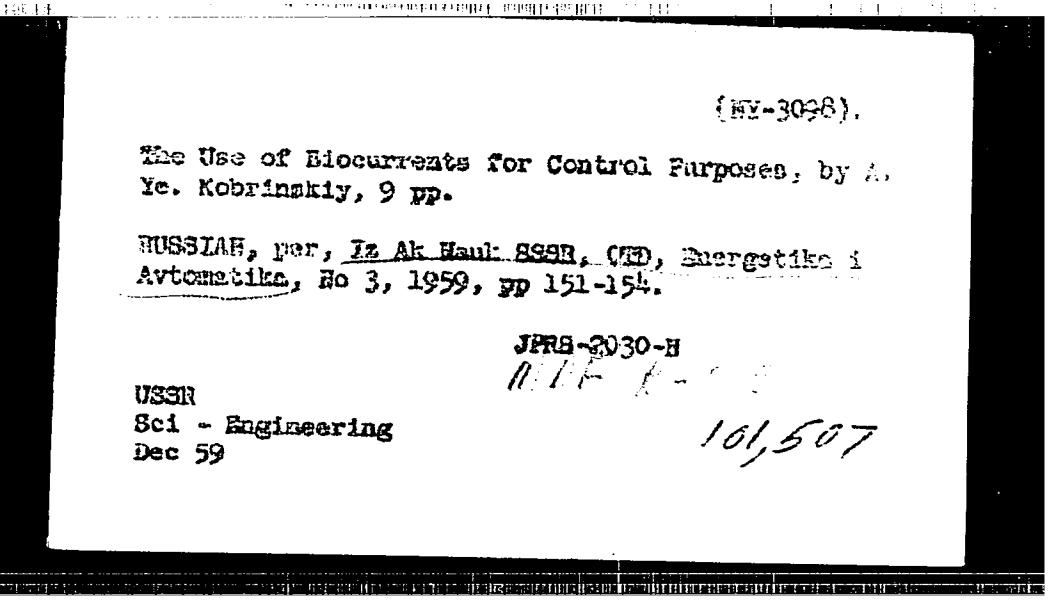

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RUSSIAN, per, Iz Ak Nauk SSSR, OTD, Energetika i Avtomatika, No 3, 1959, pp 151-154.

JPRS-2030-H

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A Comparison of Systems' Reliability in the Case of Redundancy in Individual Components and the System as a Whole, by Kh. L. Smolitskiy, P A. Chukreyev, 6 pp.

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JPRS 2031-N

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On Codes Which Limit the Range of Error, by M. Ye. Kirillov, 4 pp.

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JPRS-2029-N

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Contemporary Methods of Examining Transients in A. C. Machines, by E. Ya. Kazovskiy, M. P. Kostenko.

RUSSIAN, par, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i Avtomat, No 4, 1959, pp 11-22.

NLL M. 3232

OTS 62-[illegible]

Sci - Engr

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Reliability and Accuracy of Automatic Production, by I. G. Bruyevich

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i Avtomat, No 4, 1959, pp 59-78.

*FTD-TT-61-138

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Popov, Ye. P.
THE INFLUENCE OF OSCILLATORY DISTURBANCES ON THE STABILITY AND DYNAMIC CHARACTERISTICS ON NON-LINEAR AUTOMATIC SYSTEMS (Vliyaniye Vibrastsionnykh Pomekh na Ustoichivost i Dinamicheskiye Kachestva Nelineinykh Avtomaticheskikh Sistem). Apr 61 [18]p. 4 refs.
RTS 1749.
Order from OTS or SLA $1.60 61-19793

Trans. of Akademiya Nauk SSSR. Otdeleniye Tekhnicheskikh Nauk. Izvestiya Energetika i Avtomatika, 1959, no. 4, p. 97-105.

DESCRIPTORS: *Automatic volume control, Stability, Oscillation.

Unlike the linear systems, introduction of oscillation in the useful signal may change substantially the gain of the non-linear useful signal link. As a result of this, the expected static and dynamic characteristics (Engineering--Electronic, TT, v. 6, no. 3) (over)

61-19793

I. Popov, Ye. P.
II. RTS-1749
III. Department of Scientific and Industrial Research (Gt. Brit.)

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On Designing Self-Adaptive Systems With Two-Step Control of the Parameters, by Yu. M. Kozlov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energetika i Avtomat, No 4, 1959, pp 112-115.

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Jun 60

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On the Stability of Compressors as Non-Linear Elements in Distributed Systems, by V. A. Bodner, V. V. Kazakevich.

RUSSIAN, per, Iz Akad Nauk Otdel Tekh Nauk, Energet i Automat, No 4, 1959, pp 116-125.

TIL 4257

167,867

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Bulgakov, B. M. and Shestopalov, V. P.
INFLUENCE OF A MAGNETODIELECTRIC MEDIUM ON ELECTROMAGNETIC WAVE PROPAGATION IN A SPIRAL WAVEGUIDE PLACED IN A MAGNETO-DIELECTRIC. [1960] 15p. 22 refs.
Order from MDF $8.00 MDF B-171

Trans. of A[kademiya] N[auk] SSSR. O[tdeleniye] T[ekhnicheskikh] N[auk]. Izv[estiya]: Energ[etika] i Avto[matika] 1959, no. 4, p. 166-176.

(Engineering--Electronic, TT, v. 5, no. 3)

61-12169

1. Electromagnetic waves--Propagation
2. Helixes--Electromagnetic properties
3. Dielectrics--Electromagnetic effects

I. Bulgakov, B. M.
II. Shestopalov, V. P.
III. MDF B-171
IV. Friedman, Morris D., Inc., West Newton, Mass.

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300820063-6

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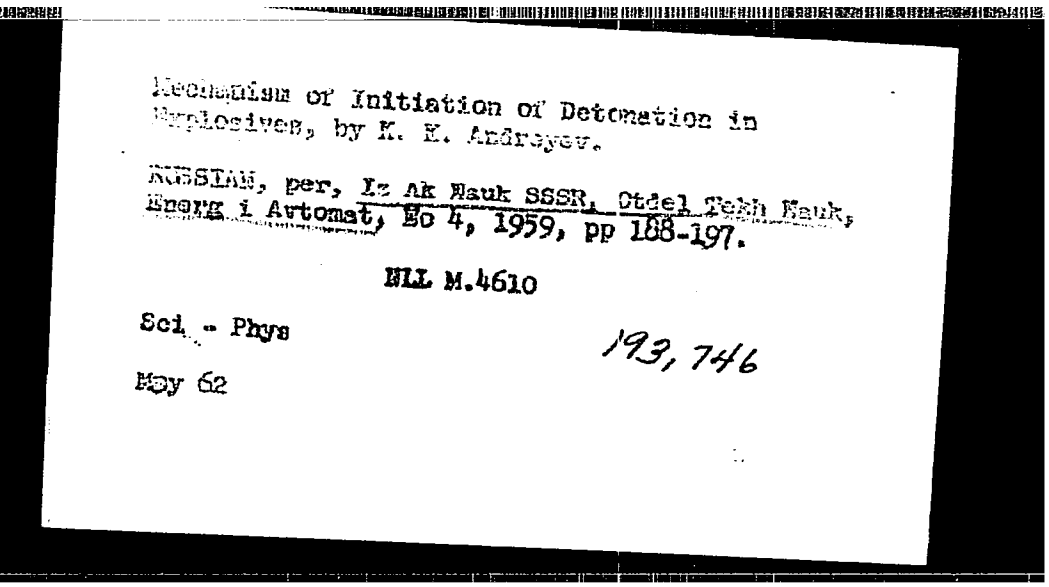

Mechanism of Initiation of Detonation in Explosives, by K. K. Andreyev.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i Avtomat, No 4, 1959, pp 188-197.

NLL M.4610

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(RC-3156).

The Determination of Invariant Signs of Stop (Plosive) Sounds in Clipped Speech Signals, by G. I. Tsemel', 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR OTN, Energetika i Avtomatika, No 4m, 1959, pp 214-215.

JPRS-1029-D
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Conference on the Study of Live-Steam Sections of Steam Turbines, 2 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel~~enive~~ Tekhni~~che-skikh~~ Nauk, (Energetika i Avtomatika), No 4, Moscow, Jul-Aug 1959, p 221.

JPRS -2122-N

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Sci - Engineering

Oct 59

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300820063-6

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(NY-3137).

Third All-Union Joint Conference on Automation of Production Processes in Machine-Building and Automated Electric Drive in Industry, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energetika i Avtomatika, No 4, Moscow, Jul-Aug 1959, pp 222-224.

JPRS-2122-N

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300820063-6

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Shchelkin, K. I.
A POSSIBLE METHOD OF AMPLIFYING WEAK SHOCK WAVES IN A TURBULENT COMBUSTION ZONE (THEORY OF HIGH-FREQUENCY COMBUSTION ZONE) tr, by R. P. Illwitzer, 28 Nov 60, 17p. 4 refs. APL/JHU TG 230-T200.
Order from OTS $0.50 61-11191

Trans. of Akademiya Nauk SSSR. Otdelenlye Tekhnicheskikh Nauk. Izvestiya Energetika i Avtomatika, 1959, no. 5, p. 86-90.
Another translation is available from MDF $8.50 as MDF S-169 [1960] 16p.

The relation of the dimensionless pressure differential in a shock wave to a dimensionless increase in burning velocity is derived for an idealized rocket combustion chamber. It is shown that the passage of a weak shock wave through the combustion zone causes an increase in the turbulent flame propagation rate. From these considerations the criterion for amplification of weak (Chemistry--Physical, TT, v. 5, no. 12) (over)

61-11191

1. Flame propagation--Theory.
2. Shockwaves--Theory
3. Combustion--Turbulence
I. Shchelkin, K. I.
II. APL/JHU TG-230-T200
III. Applied Physics Lab., Johns Hopkins U., Silver Spring, Md.
IV. Contract NOrd-7386
V. Title: Theory...

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300820063-6

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300820063-6

Kadymov, Ya. B.
THE APPLICATION OF THE DISCRETE LAPLACE TRANSFORMATION TO THE INVESTIGATION OF ELEMENTS WITH DISTRIBUTED PARAMETERS.
[19(1)] [12]p. 2 refs.
Order from LC or SLA mi$2.40, ph$3.30 61-10762

Trans. of Akademiya Nauk SSSR. Otdeleniye Tekhnicheskikh Nauk. Izvestiya: Energetika i Avtomatika, 1959, no. 5, p. 156-161.

The problem is considered of computing the transient response of the telegraph equation. For the special case without losses a simple representation was obtained that readily permits calculation of the "output" at any station at any preselected time. In the general case the exact result is given in terms of the sum of Bessel functions. For engineering purposes this sum is approximated by a simpler expression which yields satisfactory results.

(Engineering--Electrical, TT, v.5, no. 9)

61-10762

. Transformations (Mathematics)--Applications
!. Differential equations--Theory
3. Communication systems--Mathematical analysis
4. Title: Telegraph equations
1. Kadymov, Ya. B.

151847

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300820063-6

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Influence of Error in Relative-Increase Characteristics on Effect of Optimum Load Dispatching Between Power Stations, by N. A. Kartvelishvili.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i Avtomat, No 6, 1959, pp 16-21.

NLL M. 3020.
SLA 61-27579

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Feb 62

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The Design of Maximum-Capacity Turbo-Generators, by I. D. Urusov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i Avtomat, No 6, 1959, pp 22-23.

MLL M. 3352

Sci - Electron

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No 14 (DC-3639).

On the Similarity Between Combustion in a Detonation Wave and in a Rocket Motor, by Yu. N. Denisov, Ya. K. Troshin, K. I. Shchelkin, 17 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energet i Avtomat, No 6, 1959, pp 79-89.

JPRS 3321 118,674

Sci - Engr
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On the Dynamics of a System of Control Which Includes Inertial Coordinate Measuring Instruments, by V. A. Bodner, M. S. Kozlov, 13 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energet i Avtomat, No 6, 1959, pp 99-107.

JPRS 3322

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No 14 (DC-3639).

A System for Determining the Parameters of the Motion of a Body in Space, by G. O. Fridlender, 13 pp.

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JPRS 3323 118,676

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No 14 (DC-3659).

On the Study of the Shelf-Life of Components of Automatic Systems, by G. V. Druzhinin, 13 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energet i Avtomat, No 6, 1959, pp 141-150.

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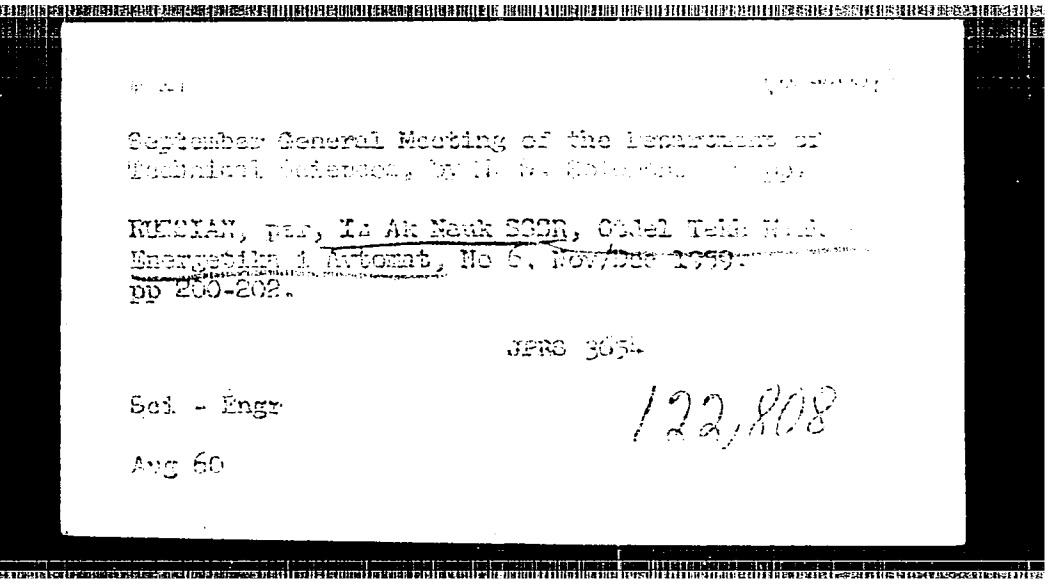

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MELIAN, per, Ia Ak Nauk SSSR, Otdel Tekh Nauk, Energetika i Avtomat, No 6, Nov/Dec 1959. pp 200-202.

JPRS 3654

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Aug 60

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(WI-3000/11)

Basic Problems in the Fuel and Power Balance of the USSR, by M. A. Styrikovich, 15 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energetika i Avtomatika, No 1, 1960, pp 3-11.

JPRS 5047

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121,818

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Determination of Medium Parameters of a Turbulent Torch Flame, by A. G. Prudnikov, 23 pp. UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk Ener i Avtom, No 1, 1960, pp 43-56.

ACSI E-8304
ID 2161136
MDF P-156

Sci - Phys
Mar 61

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Use of a Twisted Stream to Intensify Convective Heat Exchange Under Internal Problem Conditions, by V. K. Yermolin, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i Avtomat, No 1, 1960, pp 55-61.

MDF E-110
9092698

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Selection of Efficient Heating Surfaces for Heat Regenerators of Gas Turbine Plants, by L. G. Gel'fenbeyn, 24 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i Avtomat, No 1, 1960, pp 62-69. 9671552

FTD MCL-1242/1

Sci - Engr

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On a Measure of the Orderliness of a Boolean Function, by IU. L. Sagalovich, 9 pp.

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Sci - Electronics

Nov 60

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On the Theory of Unperturbed Systems With Three Channels for Compensating Accelerations, Due to Gravitation Forces, by V. A. Bodner, V. P. Sleznev, 14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i Avtomat, No 1, 1960, pp 84-95. 9673049

FTD-TT-61-65

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15 Feb 62

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Shul'ga, N. G.
SEARCH FOR METHODS TO RAISE THE MAGNETIC PROPERTIES OF HIGHLY-COERCIVE MAGNETIC ALLOYS. [1960] 10p. 9 refs.
Order from MDF $11.00 MDF S-172

Trans. of A[kademiya] N[auk] SSSR. O[tdeleniye] T[ekhnicheskikh] N[auk]. Izvestiya: Energ[etika] i Avto[matika] 1960, no. 1, p. 127-133.

(Physics--Magnetism, TT, v. 5, no. 3)

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I. Shul'ga, N. G.
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Thermal Converters With Two Heaters in Electrical Measurement and Analog Technique, by V. S. Popov, 8 pp.

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Sequential Regression Analysis and Its Application to Some Problems of Automatic Control, by I. I. Perelman, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i Avtomat, No 2, 1960.

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Transient Progress in Energy-Transferring Systems as a Problem in the Theory of Oscillations, by N. A. Kartvelishvili,

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RUSSIAN, per, Iz Ak Nauk USSR, Otdel Tekh Nauk, Energet i Avtomat, No 2, 1960, pp 38-42.

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Experimental Investigations of the Thermodynamic Properties of Water and Steam of High Parameters*, by V. A. Kirillin, A. E. Sheindlin, 15 pp.

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14 (DC-3933)

Measurement of the Energy of Fast Ions in a Powerful Pulsed Discharge, by B. G. Brezhnev, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energet i Avtomat, No 2, 1960, pp 54-58.

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14 (DC-3933)

Ionization in Laminar Flames, by N. N. Inozemtsev, 13 pp.

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15 (DC-3933)

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JPRS 3573

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A METHOD OF DETERMINATION OF THE OPTIMUM SYSTEM FROM THE GENERAL BAYES CRITERION (Metod Opredeleniya Optimul'noi Sistemy po Obshchemu Biesovu Kriteriyu). [1961] [23]p. (equations omitted) 12 refs. [DSIR LLU] M. 3128.
Order from OTS or SLA $2.60 61-27534

Trans. of Akad[emiya] Nauk SSSR, O[tdelenie] T[ekhnicheskikh] Nauk. Izvest[iya]; Energetika i Avtomatika, 1960, no. 2, p. 83-97.

DESCRIPTORS: *Signals, Detection, Reproduction, Noise, Statistical processes, *Probability, *Control systems.

A method is described for determining the optimum system from the general Bayes criterion in the case when the input observed function and the signal being (Engineering--Electronic, TT, v. 6, no. 10) (over)

61-27534

1. Title: Bayes criterion
I. Pugachev, V. S.
II. DSIR LLU M. 3128

7354

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Pechorina, N. N.
THE STABILITY OF PULSE-WIDTH MODULATED AUTOMATIC CONTROL SYSTEMS. [1961] [11]p.
4 refs.
Order from OTS or SLA $1.60 62-10176

Trans. of Akademiya Nauk SSSR. [Otdelenie Tekhnicheskikh Nauk]. Izvestiya: Energetika i Avtomatika, 1960, no. 2 [p. 116-121].
Another trans. is available from OTS $1.60 as AD-264 146, STL-TR-61-5110-3, Jan 61, 11p.

DESCRIPTORS: *Control systems, Automatic, *Pulse modulation, Stability, *Harmonic analysis, Nonlinear systems, Functions, Bessel functions, Fourier analysis, Data, Sampling.

A harmonic analysis is presented of the modulator output for a sinusoidal input. This output is represented
(Engineering--Electronic, TT, v. 7, no. 9) (over)

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I. Pechorina, N. N.

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Perel'man, I. L.
CURRENT REGRESSION ANALYSIS AND ITS APPLICATION IN SOME PROBLEMS OF AUTOMATIC CONTROL. [1961] [14]p. 7 refs.
Order from OTS or SLA $1.60 61-18811

Trans. of Akademiya Nauk SSSR, Otdelenie Tekhnicheskikh Nauk, Izvestiya: Energetika i Avtomatika, 1960, no. 2, p. 122-131.

DESCRIPTORS: *Computers, *Control systems, Automatic, Mathematical analysis, Functions, Statistical processes, Statistical functions.

(Mathematics, TT, v. 6, no. 10)

61-18811

1. Title: Regression analysis
1. Perel'man, I. L.

187992

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300820063-6

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9 (DC-3901/27)

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JPRS 3570

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EVAPORATION OF SINGLE FREE DROPLETS OF VARIOUS LIQUIDS WITH SMALL REYNOLDS NUMBER VALUES FOR THE STREAM FLOWING PAST THE DROPLETS. [1962] 5p. 23 refs.
Available in ARS Journal, v. 32, no. 3, $3.00

Trans. of Akademiya Nauk SSSR. [Otdelenie Tekhnicheskikh Nauk]. Izvestiya Energetika i Avtomatika, 1960, no. 2, p. 185-191.

DESCRIPTORS: Liquids, Water, Ethanol, Ethyl ethers, Ethers, Benzine, Kerosene, Fuel oil, *Drops, *Evaporation, Temperature, Mass transfer, Gas flow, Jets, Fuels, Reynolds number.

(Chemistry--Physical, TT, v. 7, no. 12)

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I. Apashev, M. D.
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S. A. Gol'denberg, 3 pp.

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pp 195-197.

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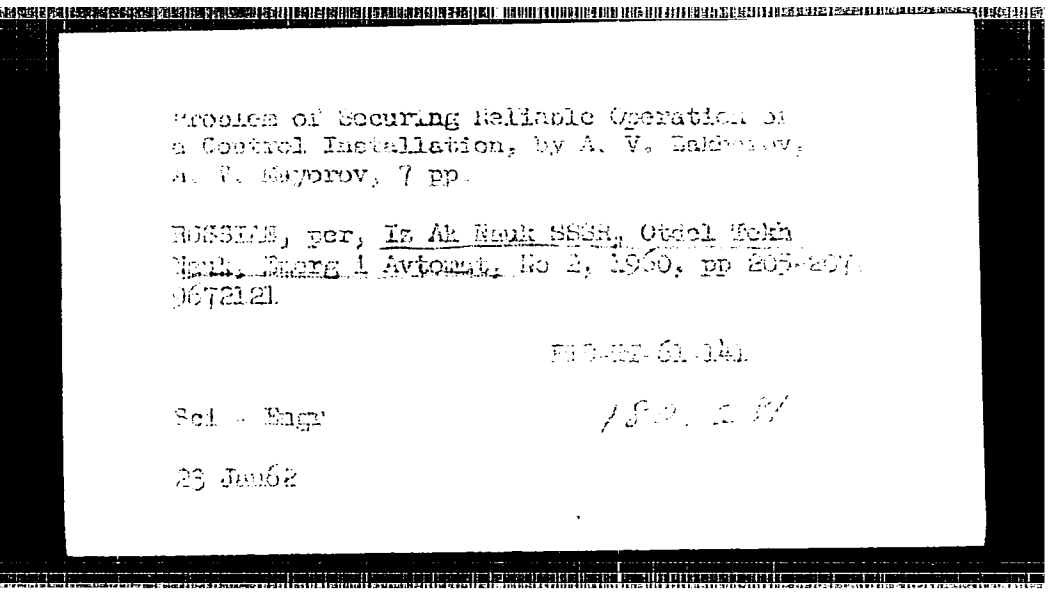

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FTD-TT-61-144.

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The Dynamics of Continuous Optimalizing Control Systems in the Presence of Random Scanning Signals, by A. A. Krasovskiy, 15 pp.

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JPRS 12960

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On the Theory of Unperturbed Systems With Three Channels for the Automatic Compensation of Gravity Accelerations Being Corrected by External Information, by V. A. Bodner, V. P. Seleznev, 18 pp.

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JPRS 6099

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JPRS 6099

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Basevich, V. Ya., Devishev, M. I., and Kogarko, S. M.
INFLUENCE OF ACTIVE PARTICLES OF COMBUSTION PRODUCTS ON THE SPEED OF FLAME PROPAGATION IN A TURBULENT FLOW, tr. by David T. Williams. Jan 62 [4]p. 7 refs.
Available in ARS Journal, v. 32, no. 1, $3.00

Trans. of Akademiya Nauk SSSR. Otdel[enie] Tekh-[nicheskikh] Nauk. Izvestiya: Energetika i Avtomatika, 1960, no. 3, p. 138-144.

DESCRIPTORS: Turbulent flow, *Flame propagation, Velocity, Hydrogen, Combustion, Particles, Chemical reactions, Flames, Gases, Propane, Fuels, Ignition, Propagation.

(Chemistry--Physical, TT, v. 7, no. 10)

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I. Basevich, V. Ya.
II. Devishev, M. I.
III. Kogarko, S. M.
IV. Florida U., Gainesville
V. American Rocket Society, New York

OTS 62-10215

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JPRS 6633

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An Approximate Method for Computing the Dynamic Characteristics of Electromagnetic Mechanisms, by V. B. Gogolevskiy, 6 pp.

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Optimum Process in Pulse Automatic Systems,
by Ya. Z. Tsypkin, 27 pp.

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SEARCH TIME IN DISCRETE, EXTREMAL SENSING CONTROL (O Vremeni Poiska v Diskretnykh Sistemakh Ekstremal'nogo Regulirovaniya). [1964] [29p] (foreign text included) 7refs
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Trans. of Ak[ademiya] Nauk SSSR. O[tdelenie] T[ekhnicheskikh] N[auk]. Izvestiya: Energetika i Avtomatika, 1960, no. 5, p. 87-95.

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I. Pervozvanskii, A. A.

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Statistical Dynamics of Systems With Proportional Extremal Control of In-Line Correct Devices, by A. A. Krasovskiy, 5 pp.

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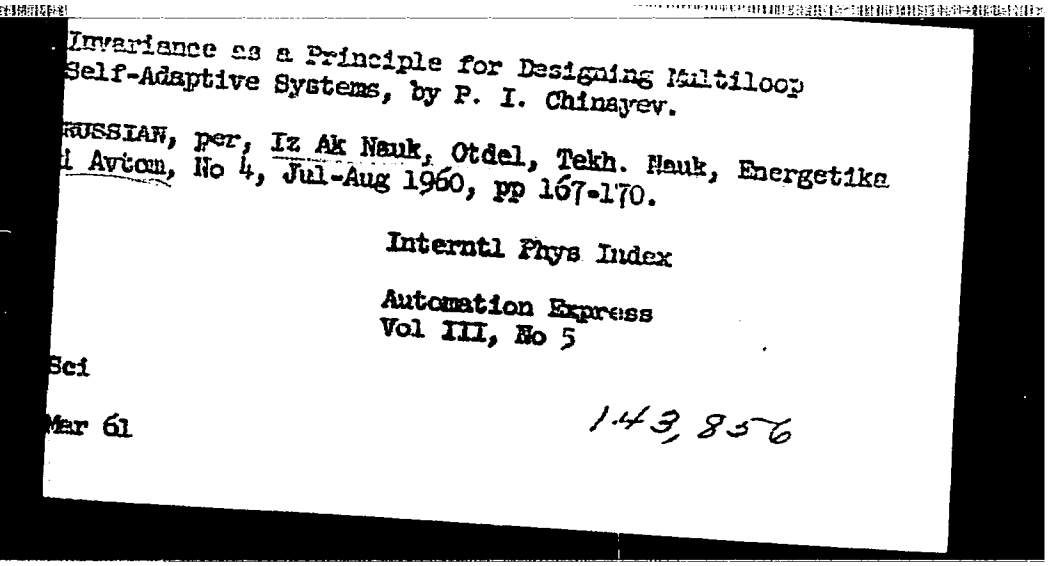

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On Failures of Automatic Systems With Aging and Wear of the Elements, by G. V. Druzhinin, 11 pp.

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MDF D-146
9092678

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RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energ i Avtomat, No 5, 1960, pp 116-123. 9671595

FTD MCL-983/1

Sci - Electron

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On the Almost-Periodic Regime of a Four-Dimensional Automatic Control System, by B. V. Shirokorad, UNCL, 17/4

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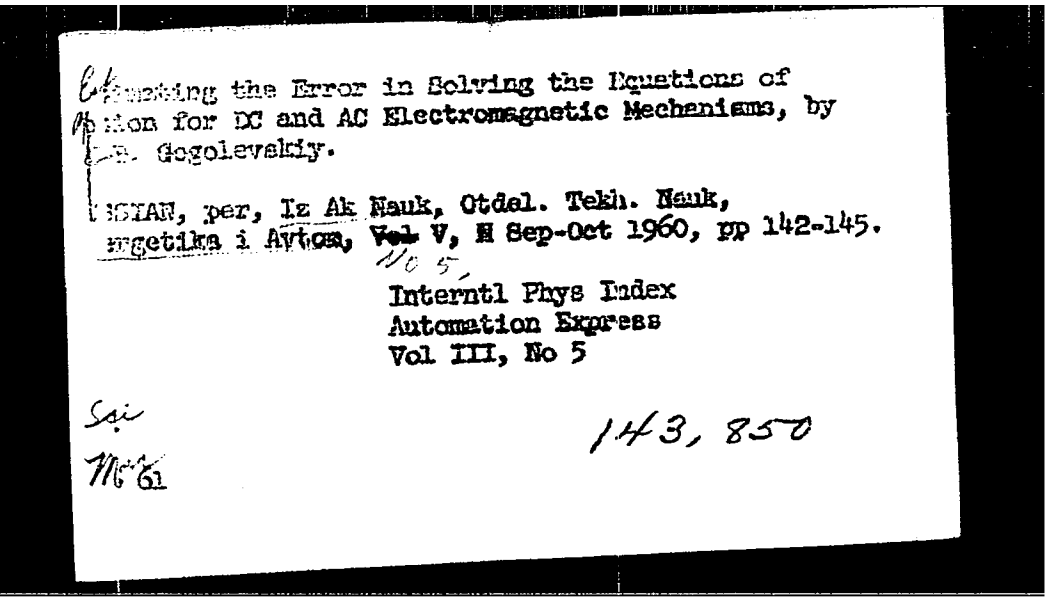

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IZVIAN, per, Iz Ak Nauk, Otdel. Tekh. Nauk,
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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300820063-6

Kanevskii, Ya. M.
QUELQUES PROBLEMES SUR LE SOUDAGE SANS FONDANT DE L'ALUMINIUM ET DE SES ALLIAGES PAR DES MÉTAUX D'APPORT À BAS POINT DE FUSION (Nekotoryye Voprosy Besflysovoi Paiki Alyuminiya i Ego Splavov Legkoplavkimi Pripoyami) [Fluxless Soldering of Aluminium and its Alloys With Low Melting Solder] tr. by Khazov. 10 Jan 62 [15]p (Russian text included) 1 ref. CEA Trans. no. R 1471 (text in French).
Order from OTS or SLA $1.60 62-24583

Trans. in French of Akad[emiya] Nauk SSSR. [Otdelenie Tekhnicheskikh Nauk]. Izv[estiya: Energetika i Avtomatika] 1960, no. 5, p. 146-148.

DESCRIPTORS: *Soldering, Soldering fluxes, *Aluminium, Aluminum alloys.

(Metallurgy, TT, v. 8, no. 3)

62-24583

I. Kanevskii, Ya. M.
II. CEA-tr-R1471
III. Commissariat à l'Énergie Atomique (France)

Office of Technical Services

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The Almost-Periodic Regime of a Four-Dimensional Automatic Control System, by B. V. Shirokorad, 17 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk Energ i Avtomat, No 5, 1960, pp 159-165. 9671160

FTD MCL-1254/1

171,554

Sci - Engr

20 Oct 61

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On One System of Step-Type Extremal Control, by Ye. D. Garber, 11 pp.

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FTD-TT-62-1884

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Apr 62

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Calculating the Dependability of Complex Automatic Systems, by A. M. Polovko, 3 pp.

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Sci - Engr

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23 Jan 62

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The Best Distribution of Correct-Reception Regions in Statistical-Noise-Suppression Coding, by Yu. N. Mel'nikov, 13 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energetika i Avto, No 6, 1960, pp 107-112. 9673541

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2 Mar 62

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Sci - Engr

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RUSSIAN, per, Is Ak Nauk SSSR, OTN, Energet i Avtomat, No 6, 1960, pp 123-132. 9670743

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Symmetrical Autooscillations of a Gyro-stabilizer by S. A. Chernikov, 18 pp.

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FTD-TT-61-356

Sci - Phys

Sept 63

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All RTS 2055

Sci - Electron

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OTS 62-25454

Dept DSIR

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Sci - Engr

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On Efficiency of AC Electric Drives, by
V. A. Venikov, I. Siuda.

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KRDL, Ft Belvoir
T-1349

164,340

Sci - Electron
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Pulavskaya, Y. G.
UBERSCHLAG LANGS EINER ISOLATORENKETTE BEI STOSS SPANNUNG (Spark-Over Along a String of Insulators at Impact Potential). 13p.
Order from TIB $2.20

Trans. in German of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya: Energetika i Avtomatika, 1961, no. 1, p. 24-31.

DESCRIPTORS: *Sparks, *Insulating materials, Electric potential, Electric insulation.

(Engineering--Electrical, TT, v. 10, no. 8)

63-27538

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RUSSIAN, per, Iz Ak Nauk, Otdel. Tekh Nauk - Energet i Avtomat, No 1, 1961, pp 34-40.

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ERDL, Ft Belvoir
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164,339

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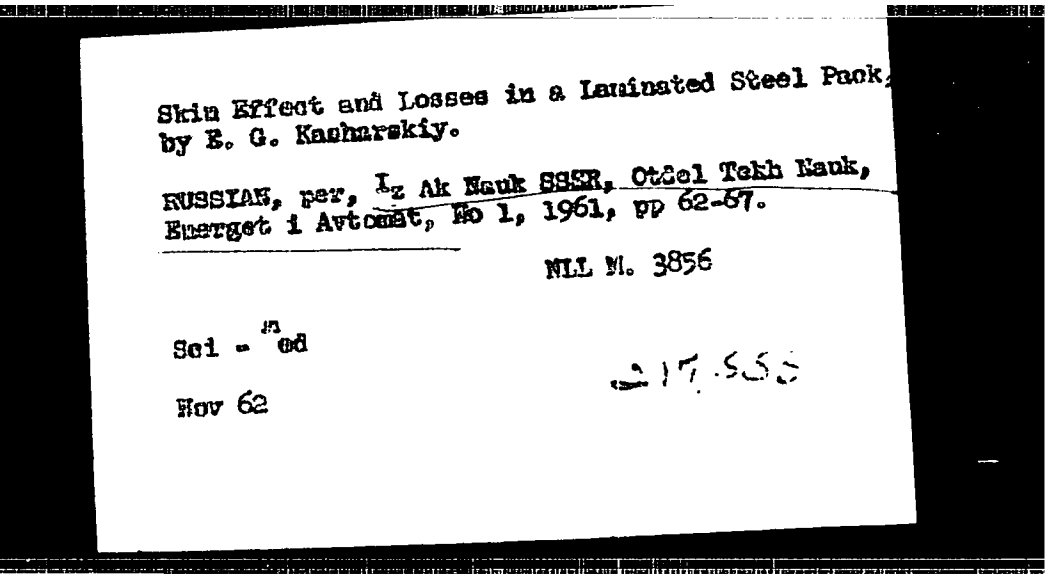

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NLL M. 3856

Sci - Ed

Nov 62

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MLL RTS 2065

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JPRS 9659

Sci - Phys
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JPRS 9790

163,115

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(NN-6357/3)

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JPRS 9789 164,391

Sci - Engr
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